B-FOCuS™
Combo 285PR
ADSL Router

# USER MANUAL

Dual-link
**ADSL Router**
with
a **USB** & **Ethernet**
**Connection**

www.inoviatele.com

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# Table of Contents

1. INTRODUCTION .....1

1.1. SAFETY CONSIDERATIONS .....1

2. B-FOCuS COMBO 285PR PACKAGE CONTENTS .....2

3. INSTALLATION PROCEDURE .....3

4. LED INDICATORS .....6

5. TROUBLESHOOTING .....7

6. B-FOCuS COMBO 285PR SPECIFICATIONS .....8

# 1. Introduction

With your purchase of the B-FOCuS Combo 285PR ADSL modem from Inovia/ECI Telecom, you have joined the world of fast Internet. This powerful compact-sized modem will enable you to connect to an ADSL line and enjoy the benefits of a high-speed connection to the Internet.

The B-FOCuS Combo 285PR ADSL modem is a dual-port modem with both an Ethernet and USB connection. It is possible to connect the modem to a computer that has either a USB port or an Ethernet 10/100Base-T port (Ethernet card).

The B-FOCuS Combo 285PR ADSL modem also supports two computers working simultaneously, sharing the same ADSL line. One computer can be connected to the USB port while the second can be connected to the Ethernet port.

## 1.1. Safety Considerations

### 1.1.1. Installation Environment

The B-FOCuS Combo 285PR is designed for in-house desktop use only.

- Do not expose to direct sunlight.
- Do not expose to temperatures exceeding 40°C.
- Do not immerse in water, dampen, or install in wet conditions.

Please follow the instructions in order to install your modem correctly.

### 1.1.2. Maintenance

- Use a dry or damp cloth for cleaning.
- Do not use any commercial cleaning product.

# 2. B-FOCuS Combo 285PR Package Contents

Please check that your package contains the following items:

| Item | Equipment | Description | Quantity |
|---|---|---|---|
| 1 | | B-FOCuS Combo 285PR modem. | 1 |
| 2 | | AC Power Adaptor. | 1 |
| 3 | | RJ45 cable for connection from the modem to the computer's 10/100Base-T Ethernet port. | 1 |
| 4 | | RJ11 cable for connection from the modem to the ADSL line. | 1 |
| 5 | | USB cable for connection from the modem to the computer's USB port. | 1 |
| 6 | | CD containing the USB driver for connection via the computer's USB port. | 1 |

# 3. Installation Procedure

1. Turn off your computer and all peripheral devices (printer, monitor, etc.).
2. Connect one end of the power cable to the connector on the back of the modem labeled “Power”, and plug the other end of the cable into a standard power outlet.
3. Connect one end of the RJ11 telephone cable to the ADSL port on the back of the ADSL modem, and connect the other end to your ADSL port on the splitter.
4. Connect the modem to the computer. The modem can be connected either via a LAN 10/100Base-T (Ethernet) port or a USB port, depending on the type of port on your computer.

   **Note:** If your computer has both a USB and an Ethernet port, it is recommended to connect the modem to the Ethernet port.

   The modem can also be connected to two computers simultaneously, sharing the ADSL line, providing one computer has a LAN 10/100Base-T Ethernet port and the other computer has a USB port.

   ▶ *To connect the modem to the LAN 10/100Base-T Ethernet port:*

   **Note:** When connecting the modem to the Ethernet port, the B-FOCuS CD is not needed.

   a. Connect one end of the RJ45 Ethernet cable to the LAN port on the back of the ADSL modem, and the other end to the LAN port on the computer.

   b. Turn on the computer and modem.

   ▶ *To connect the modem to the USB port:*

   a. Connect one end of the USB cable to the USB port on the back of the modem, and the other end to the USB port on the back of the computer.

   b. Locate the CD from the B-FOCuS Combo 285 kit and insert it into the computer’s CD drive.

   c. Turn on the computer and modem.

   d. The computer will identify that a new piece of hardware has been connected. The following window is displayed (or similar, depending on your operating system).

Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
USB Device
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

e. Select **Search for a suitable driver for my device** and then click **Next**. The following window is displayed.

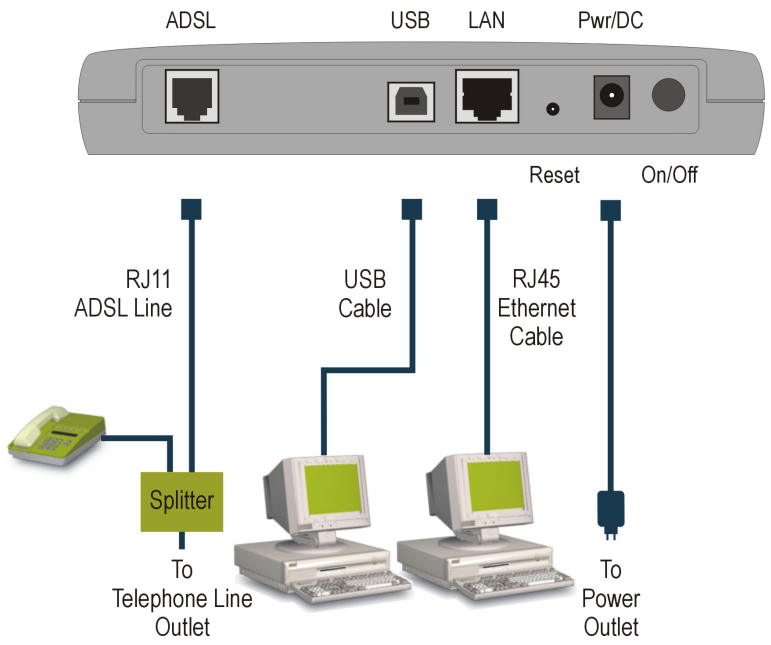
Found New Hardware Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
USB Device
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
Microsoft Windows Update
< Back
Next >
Cancel

f. Select **CD-ROM drives** and click **Next.** The computer will search for the USB driver and locate it on the CD ROM. Follow the installation instructions to complete the modem driver installation.

Once the modem is powered on, the Power LED will be on and the ADSL Sync LED will blink, indicating that the modem is trying to synchronize with the telephone exchange equipment. Once synchronization is complete, the ADSL Sync LED will remain on continuously (not blinking).

The B-FOCuS Combo 285PR installation is complete. The modem is ready for Internet use.

To set up your Internet account, please refer to your Internet Service Provider's instructions.




**B-FOCuS Combo 285PR Modem Connection to Two Computers**

# 4. LED Indicators

| LED | Condition | Status |
|---|---|---|
| Power | Off | Power is off. |
| | On | Power is on. |
| Alarm | Off | The modem is operating properly. |
| | On | The modem has a problem. Please call your service provider. |
| LAN 10 Link | Off | The modem's 10Base-T port is not connected to the computer. |
| | On | The modem's 10Base-T port is connected to the computer and operating properly. |
| | Blinking | Indicates data transfer between the computer and the modem, using a 10Base-T connection. |
| LAN 100 Link | Off | The modem's 100Base-T port is not connected to the computer. |
| | On | The modem's 100Base-T port is connected to the computer and operating properly. |
| | Blinking | Indicates data transfer between the computer and the modem using a 100Base-T connection. |
| Network Activity | Off | Data is not being transferred between the modem and the ADSL line. |
| | Blinking | Data transfer is occurring between the ADSL line and the modem. |
| ADSL Sync | Blinking | The modem is trying to synchronize with the telephone exchange equipment. |
| | On | The modem is synchronized and ready for operation. |

# 5. Troubleshooting

| Symptom | Possible Cause | Action |
|---|---|---|
| Power LED is off. | No power supply. | Check the power wiring connection. Insure there is AC power at the AC socket. |
| The ADSL Sync LED is blinking constantly. | The modem cannot synchronize with the Telephone provider's equipment. | Check the ADSL RJ11 cable connection between the modem and the ADSL line.<br>Confirm that your splitter is connected properly to the Telephone port. |
| Alarm LED is on. | The modem has a problem. | Press the Reset button on the back of the modem. Wait a few seconds until the modem resets itself to the default values. If the Alarm LED is still on, call for support. |

# 6. B-FOCuS Combo 285PR Specifications

### Physical Interface

- Dimensions: 175mm x 152mm x 31mm
- One RJ-11 port for ADSL connection
- One RJ-45 port for 10 / 100 Base-T Ethernet LAN
- One USB port
- One Power Jack for AC power adapter
- Reset to default switch

### Environment

- Ambient Temperature: -5°C to 45 °C
- Relative Humidity: 5% to 95%
- Transportation Temperature: -40 °C to 70 °C (packaged)
- Transportation Humidity: 95% (packaged)

### Power

- 220V AC ±10%, 50 to 60Hz, 9V 800mA
- Power consumption ≤ 6W

### Compliance

- FCC Part 15, Subpart B, Part 68
- UL 1950
- CE EN60950
- ITU-T K.21
- EN 55022 Class B, EN50082-1